

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (Currently Amended): A capacitor, comprising:
an external casing made of aluminum; and
a capacitor element enclosed in the external casing,
wherein an external peripheral surface of the external casing is covered with an
insulation film, wherein the insulation film is an aluminum nitride film.

Claim 15-17 (Canceled).

Claim 18 (Previously Presented): A capacitor, comprising:
an external casing made of aluminum; and
a capacitor element enclosed in the external casing,
wherein an external peripheral surface of the external casing is covered with an
aluminum nitride film formed by a surface nitriding treatment.

Claim 19 (Currently Amended): The capacitor as recited in claim ~~[[14]]~~18, wherein a
thickness of the film is 1 to 20 μm .

Claim 20 (Currently Amended): The capacitor as recited in claim ~~[[14]]~~18, further
comprising a heat conductive material having heat conductivity of 1 W/m·K or more disposed

between the external casing and the capacitor element so as to be in contact with the external casing and the capacitor element.

Claim 21 (Previously Presented): The capacitor as recited in claim 20, wherein the heat conductive material having heat conductivity of 1 W/m·K or more is a heat conductive material in which one or more kinds of particles selected from the group consisting of an alumina particle, an aluminum nitride particle, a boron nitride particle and a zinc oxide particle are dispersed in a matrix material.

Claim 22 (Previously Presented): The capacitor as recited in claim 20, wherein the heat conductive material having heat conductivity of 1 W/m·K or more is a heat-conductive material in which alumina particles are dispersed in a matrix material.

Claim 23 (Previously Presented): The capacitor as recited in claim 21, wherein an average particle diameter of the particle is 0.5 to 5 μm .

Claim 24 (Previously Presented): The capacitor as recited in claim 21, wherein a content rate of the particle in the heat conductive material is 70 mass% or more.

Claim 25 (Previously Presented): The capacitor as recited in claim 21, wherein the matrix material is made of silicone oil and/or denatured silicone oil.

Claim 26 (Previously Presented): The capacitor as recited in claim 21, wherein a synthetic resin is used as the matrix material.

Claim 27 (Previously Presented): The capacitor as recited in claim 26, wherein the synthetic resin is polyolefin.

Claim 28 (Previously Presented): The capacitor as recited in claim 27, wherein the polyolefin is polypropylene and/or polyethylene.

Claim 29 (Previously Presented): The capacitor as recited in claim 20, wherein the heat conductive material is in contact with the capacitor element by 30% or more of a height of the capacitor element.

Claim 30 (Currently Amended): The capacitor as recited in claim ~~[[14]]~~18, wherein the capacitor is an electrolytic capacitor.

Claim 31 (Currently Amended): The capacitor as recited in claim ~~[[14]]~~18, wherein the capacitor element includes an anode foil, a cathode foil and a separator disposed between the anode foil and the cathode foil.